

AMA-CHEWER

MONTHLY PUBLICATION of the INDIANAPOLIS
RADIO CLUB INCORPORATED

APR. 1950
AMACHEWER

- MAR. 31st Fred Manning, W9VPN will talk and demonstrate "Super Modulation". Learn how just a little amount of power can be made to do the work of a Kilowatt. (Meeting at Center.)
- APR. 4th Directors meeting, YMCA D. J. Angus room.
- APR. 7th "It Pays To Be Ignorant", bring your questions to club and see if you get the answers.
- APR. 14th Business meeting of the club AND, hold your breath, A FEED, Yes a FEED. This in line with the increased dues now brings a feed at a business meeting so now you members turn out, work on your club's business and then eat your fill. Now, will we see you there? Let us hope so.
- APR. 21st D. J. Angus, W9CYQ will talk to the club on "Meters", telling you what you ought to know about the instruments used in radio circuits.
- APR. 28th Speaker not announced but it is planned that a program on TVI be presented at this meeting by a member of the club.

Meetings are held at the Northeast Community Center at 3306 East 30th St. (30th and LaSalle Sts.) It can be reached by the Crosstown Bus Line, by the Brightwood feeder bus, or by walking 5 squares West from the Brightwood trolley line from the 30th and Sherman Drive stop. Everyone is welcome to attend the meetings. Meetings called to order at 8:00 PM. Attend the next meeting.

1950 CLUB OFFICERS

Pres.	Alvey Pittman, W9JJC	RR #16 Box 588X Indpls	CO 8331
V. Pres.	Elmer Marchino NC	125 East 51st St.	HU 1052
Secy.	T. Gerald Lucas, W9APJ	815 N. Sherman Dr.	IR 7885
Treas.	H. H. Harney, W9IVQ	2044 Koehne	CA 1542
Ch. Opr.	Rollie Boughton, W9PMM	1430 N. LaSalle St.	AT 6033
Director	Don J. Angus, W9CYQ	310 N. Illinois St.	RI 1331
Director	Farl W. Springer, W9HTB	RR #11 Box 263 Indpls.	BL 0719

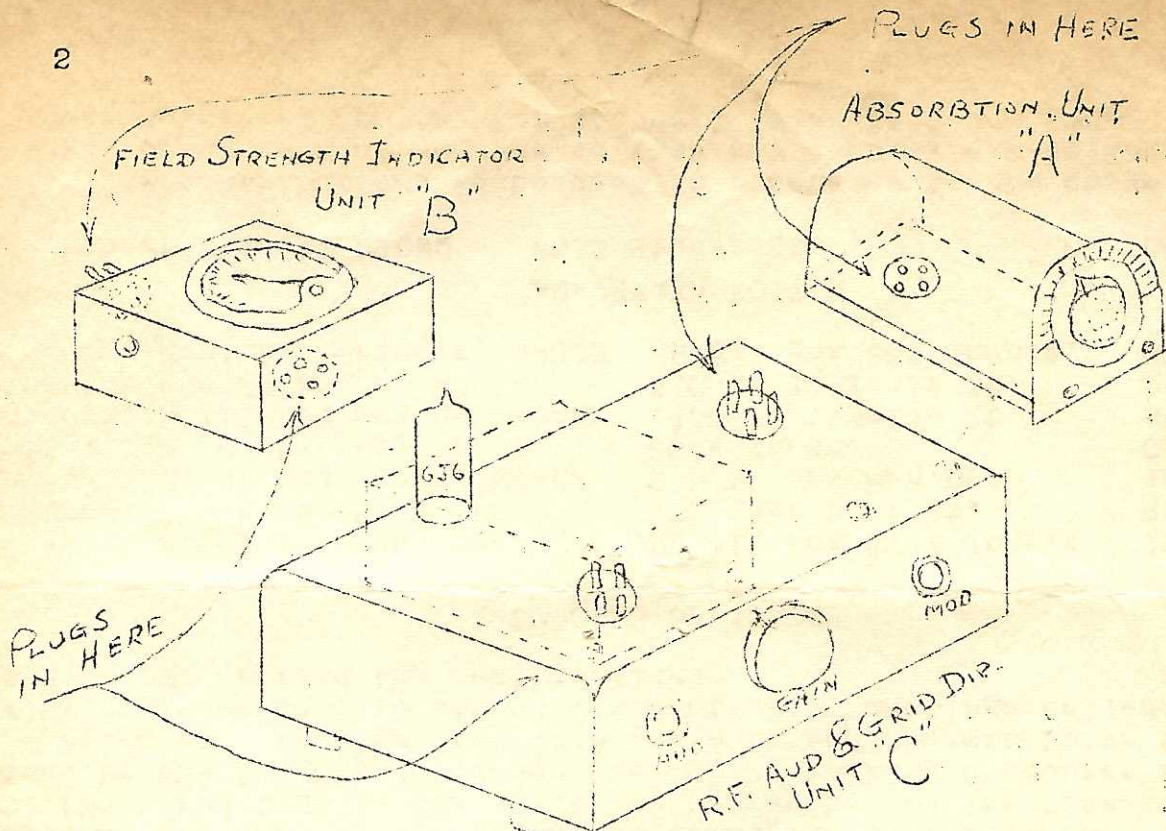
AMACHEWER EDITOR

Robert Caskey, W9DNQ

2355 Stuart St.

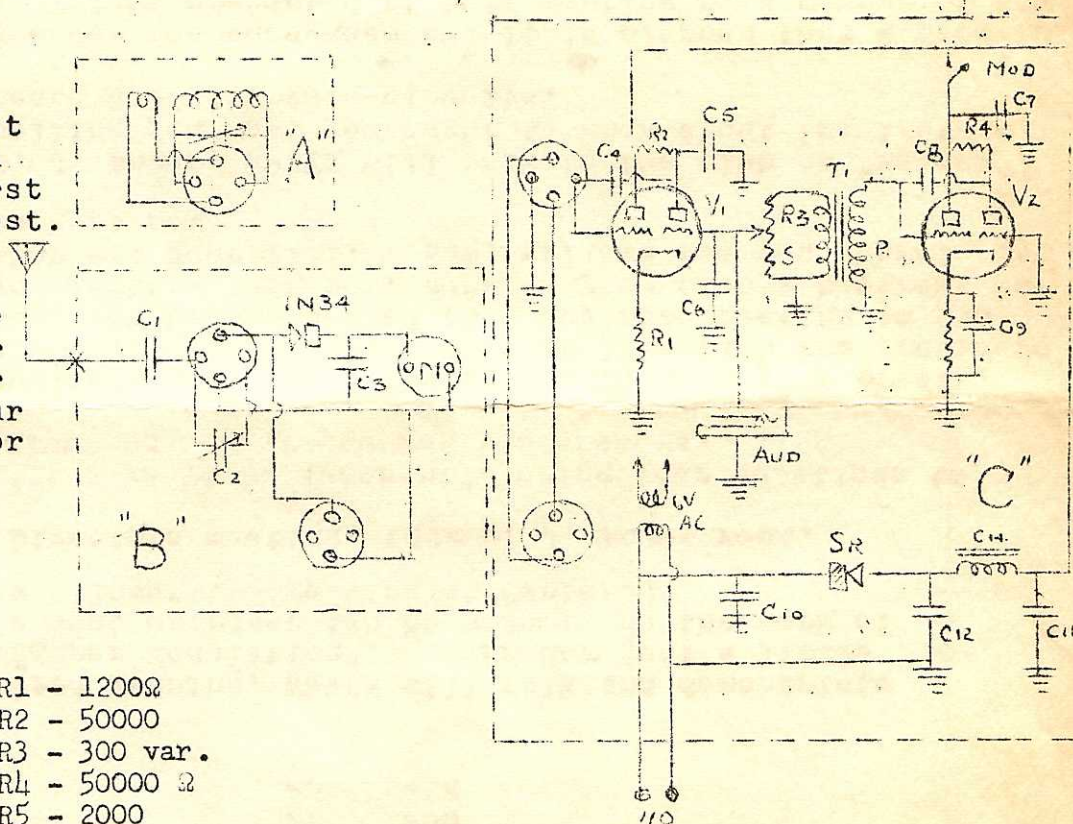
CH 3089

Mail your contributions to be used in Amachewer to the above address as well as changes of address so that any changes can be made on the addressing plates in time for the next issue to reach you.



Prize winning test unit built by Bill Lueth, W9DSC. First prize in IRC contest.

Stencil made by DSC for this issue of AMACHEWER. Our thanks to Bill for the stencil and our congratulations for such a FB unit.



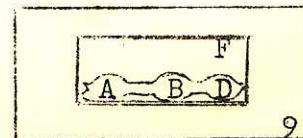
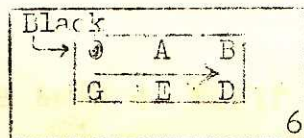
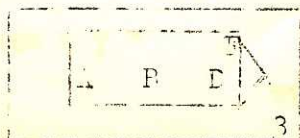
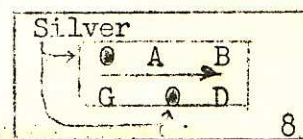
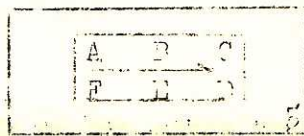
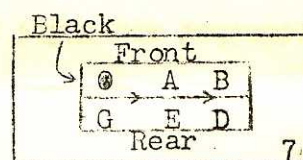
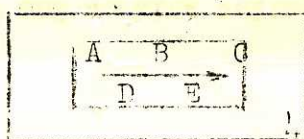
- C1 - 100 mmf.
- C2 - 3-30 mmf.
- C3 - 300 mmf.
- C4 - 5 mmf.
- C5 - .002
- C6 - 100 mmf.
- C7 - .002
- C8 - .01
- C9 - .1
- C10 - .01
- C11 - 20 mfd.
- C12 - 20 mfd.

- R1 - 1200Ω
- R2 - 50000
- R3 - 300 var.
- R4 - 50000 Ω
- R5 - 2000

- V1 - 6J6
- V2 - 6J6
- Ch. AC.-DC choke
- Sr. - Selenium Rect. M. - 0-150 micro amp.
- T1 - Output Pentode to 88vc.

MECA CAPACITORS

DOT COLOR					Toler ance %	DC Wkg Volts	Charact eristic
	A	B	C	D	E	F	G
BLACK	0	0	0				A
BROWN	1	1	1	10	1	100	B
RED	2	2	2	100	2	200	C
ORANGE	3	3	3	1000	3	200	D
YELLOW	4	4	4	10000	4	400	E
GREEN	5	5	5	100000	5	500	F
BLUE	6	6	6	1000000	6	600	G
VIOLET	7	7	7	10000000	7	700	
GREY	8	8	8		8	800	
WHITE	9	9	9		9	900	
GOLD				.1	5	1000	
SILVER				.01	10	2000	
NO COLOR					20	500	



This insert of your club paper AMACHEWER the paper of the INDIANAPOLIS RADIO CLUB INC. comes as an aid to helping you read the various types of condenser markings. Data compiled by Clarence Pence, Stencil cut by William Leuth, W9DSC. (ED)

Code # 1 .

Three dot R.M.A. code used with capacitor with a tolerance of 10% or greater and a working voltage of 500 volts unless otherwise stated.

Code #2.

Same as above only tolerance is indicated and 500 volts working voltage.

Code #3.

This code indicates capacity and working voltage but no tolerance indicator.

Code #4.

The five dots indicate the capacity value to three significant figures and in addition the tolerance, but no working voltage, but implied to be 500 v.

Code #5.

Six dot R.M.A. code. This indicates the capacity value to three significant figures, and additionally, tolerance and working voltage.

Code #6.

This is the six dot AWS (JAN) code. This may be distinguished from the six dot R.M.A. code by the fact that in the AWS (JAN) code the color dot, G, is the temperature, drift, and loss characteristics of this capacitor. The upper left hand dot is always black.

Code #7.

This is the six dot AWS (JAN) code split into a front and rear three dot code for coding very small capacitors, It is interpreted the same as Code #6.

Code #8.

This type of code indicates the AWS six dot code for molded paper capacitors, The silver dot in the upper left corner and lower center indicates immediately a paper dielectric.

Code #9.

This is a special code for Micamold, molded paper capacitors and is interpreted the same as Code #3.

5
NEW MEMBERS

We take pleasure in welcoming the following two members just recently voted into the club.

Richard M. Mays	W9JAY	925 Somerset Ave.	Indpls 22, Ind.
Harry B. Smith	W9TT	335 Whittier Pl.	Indpls 19, Ind.

QSL BUREAU

We note in the Tri-State Sparks, the paper of the Tri-State Amateur Radio Society that Jack Schneider, 311 Ross Ave. Wausau, Wisconsin has called attention to the fact that he has quite a few QSL cards in his possession, some that are rare DX, that may be yours. It is necessary that you send him a self addressed stamped envelope that he may forward to you with any cards that he may have in his file for you. By sending another such a stamped envelope as soon as you receive the old one from him you can continue to receive those cards that are routed through him. If you have no cards there the envelope will be filed and filled as soon as any cards reach the Bureau for your call.

CLASSIFIED

FOR SALE -- Standard model Bendix Automatic Laundromat Washer, one year old, perfect condition, can be seen at 2924 Station St.

SELL -- the following equipment, for further information telephone CH-5093 on Tuesday or Thursday evenings ONLY. EC221- frequency meter, Navy LM type frequency meter, 3 to 4 MC command set type transmitter, several Meissner pre-war signal shifters with coils for many bands, Meissner model 80 FM tuner, L. C. Smith No. 5 typewriter, various quartz crystals in holders, RL-42-B reel for beam rotation, RCA AVR 20-A1 compact superhet receiver 2300 to 6500 KC, time delay relays, miscellaneous transformers, chokes, filter condensers, RME VHF 152A Converter covering 2-6-10-11 meters, RME DB-22A pre-selector 550 to 44,000 KC, factory manuals on most all above items.

IRCC NOTES

The Indiana Radio Club Council, the new secretary Ray Bltner, W9DNA has sent out minutes of the last meeting. Next picnic proposed to be at Turkey Run. next meeting to be Gary, Ind.

ANNOUNCEMENTS

A big field day again this year is planned by the K9NR group who last year had such a swell turn out. Planning is now going forward and you are urged to contact John Jones at CA 5722 or George Woods at BL 6248 if you are willing to operate at this outing.

10 Meter Mobile Net will hold its first meeting May 1, 1950 at Geroge Wood's place at 3607 E. New York St. This is a Monday night at 8:00 PM as in the past. You are invited to attend if you want to participate in this activity.

CONTRIBUTED

The following is from articles given to the editor for publication in our paper. You are urged to write up similiar happenings and send them to the editor whose address appears at the beginning of this paper. Your human interest articles are what the other ham wants to hear about and he will look forward to learning about your doings. Jot them down as they occur and then turn them in at a meeting or mail to Ye Ed's address.

Flash! Alvey Pittman, W9JJC just reports that his antenna is flat on the ground. His standing waves laid down. Hi.

Lucas, W9APJ has been experimenting with a cubical quad antenna for 2 meters, and has it fired up in his attic, awaiting final adjustments and tests, before mounting it outside on the roof of the house. He reports it is sharper than anything yet tried, and seems to have good gain and all-in-all is pleased with its performance. He's willing to exchange notes on the results of using it with anyone who contemplates using one of them, or who has had more experience with one than he has had so far, so if you are interested, get in touch with Jerry on the subject.

Newest additions to the station equipment at the shack of George Phillips, W9EMK are a wire recorder and a Hunter Cyclemaster. George has been busy recording stuff off the air and playing it back to local ten meter phone operators, much to their amusement. Hi! With the Cyclemaster he says he has the ultimate in a VFO/exciter unit, and can now really go after the DX or locals either, with more than his usual success.

How about that Inspection Trip for the code school members?

Just a note on courtesy to a speaker, it should not be necessary to even mention it, but, it is really discourteous to a speaker to get up in the middle of his speech, go out, get a bottle of pop and return. It is quite an interruption to him and he should at least deserve your attention until his talk is finished.

W9HVT, from Evansville was a recent visitor at the club. He told of his club having very successful meetings by having members of the club talk. We are in such a phase now and it is true. By the way, do you have some talk that you can give at club? Let Ray Forbes know so that he can schedule it.

During the early days of the month of March, you no doubt remember how the weather started "In Like A Lion" to use the time-worn phrase. Those same days of early March saw Dick Mays W9JAY going "Out Like A Lion" from Indianapolis, toward the state of Florida. He was at last away on a two weeks vacation, taking along a transmitter and receiver to put on 40 meters while loafing down South. He reports that he couldn't seem to get the rig going down there somehow. But he did hit resonance in another respect, and got another license with his name on it. He was married while there and toward the latter part of March has come back to Indianapolis (Like a Lamb) and he and his new bride purchased a house trailer and are busy setting up house-keeping out in Speedway City at Don Hunt's trailer camp. Don himself is W9DOD. Dick is planning major alterations to the trailer residence so it will accommodate his ham radio apparatus, and says that when he gets the rice combed out of his hair, he will be out to radio club meetings again some night soon.

The roll call down at Lain Drafting College on N. Delaware St here in Indpls now has two local hams attached to it, the men attending evening six to nine o'clock sessions each Monday, Wednesday, and Friday evening. The other ham being Ray Stellhorn, W9ASD and the reporting ham Howard Severeid, W9DPL.

Howard, W9DPL also reports signing up for a course in Electrical Engineering, in addition to night school work in drafting, and has a mail order course from Cleveland Institute of Radio Engineering for study in his spare time. Hi.

Robert Barkman, W9SSI has been working in electronics engineering with Cinder Block and Material Co. here and is moving to Detroit. He recently sold out most of his amateur equipment. It seems that several times recently that Bob and his wife have located somewhere and bought a house and expected to stay a while, only to find that a move was forth coming. So this time he will move into an apartment where there isn't room for a ham station right away, until they find out just how they are situated and later get back on the air. Here's hoping Bob will be a WS and have a permanent set-up for ham activities in the very near future.

The Indianapolis newspapers on Wednesday March 1st, 1950 carried an account of how a "peeping Tom" was captured by Wm. Williams, W9ZCE. Seems the culprit was noticed peering through the window of a neighbors home, the neighbor telephoned W9ZCE and he in turn covered the intruder with a shotgun until the police arrived.

During the recent 10 meter DX contest W9PMM, the chief operator of the Indianapolis Radio Club, and W9BZB were heard on 10 meter CW. Both of these radiophone operators were doing quite well with the code too. Nice sending and good signals. Could it be they have discovered some of the age-old attraction that CW offers, or was the phone QRM too heavy to permit satisfactory operation? A station that can and does use both phone and CW is really ready to stay on the air no matter what comes, they'll find out, for sure.

Glenn Everingham says that after several months of using his new Television receiver he has yet to experience the first bit of interference with pictures from the local TV outlet, and wonders if it's because he's always lived right, that none of the usual plagues of interger-had bo so many TV owners from so many sources have never bothered him. There are several active ham stations within a few blocks of Glenn's location too.

Ray Stellhorn, W9ASD is working at Mallory and recently took the FCC examination for class A operating privileges and is anxiously awaiting the score on his paper, hoping he took the exam and that the exam didn't take him. Hi. Ray has recently been on 40 meters with a command set transmitter unit and hopes to get on other bands soon.

Steve Hritsko, W9SFR is quite active on 10 meter C, using a rotary beam antenna that is turned by hand. Steve is always glad to stop contacting the DX station long enough to chew the fat with any local who calls him, so go get him boys.

Doc Ferguson, W9APG is rumored to be getting a command set transmitter readied for a fling at 40 meter CW operation. Any of the local boys are welcome to join in on the fun each Sunday noon at 12:00 when there's a contact between W0DZG, Earl Linder of St. Louis, Mo., Jake Worley, W9CMQ, Howard Severeid, W9DPL, D. J. Angus, W9CYQ, John Hall, W9ASJ; Ray Forbes, W9HNS; and others on 7005 KC. It is suspected that this weekly get together is monitored by Elmer Marchino, Vice President of the Indianapolis Radio Club, so watch your step boys.

Bill Lueth, as you know, won the Indianapolis Radio Club contest for home-made electronic test gear, and then obliged the club at a later meeting with a detailed lecture and demonstration on the combination field strength/griddipper/ signal generator / monitor and bottle washer which he had built up. Why not get behind Bill and have him enter this unit in the new CQ magazine \$1000 contest for such equipment. Read details in CQ magazine and you'll see that Bill's unit is just

what they are seeking for entries. We have seen this unit and we believe that all those who have seen it will agree that it is tops in design, workshop, and utility. (OK Bill, enter it and let's see you get in on that bigger prize money.) (You will note his diagram and layout in this issue.)

CONTEST

The second Indianapolis Radio Club sponsored contest gets under way. This contest intended to develop a closer acquaintance and knowledge of the others fellows shack will have two first prizes. One will be to the contestant entrant who makes the most visits to other ham shacks, the other first prize will go to the contestant who has the most ham visitors to his station. Contest opens April 1st and closes Aug. 31 1950 and is open to all club members. Verification of visit or visitor is to be made by signed QSL or similar notice. Hold all confirmations until end of contest. Entry blanks will be furnished shortly. Let's all get in on this competition, meet the other fellow, see his shack, his family, and perhaps win a prize to boot.

PRINTING

Present for this printing of AMACHEWER are: Alvey Pittman, W9JJC; Gerald Lucas, W9APJ; Robert Caskey, W9DNQ.

AT CLUB

Seen at club recently after quite an absence were: Don Davis, W9JYP; George Woods, W9CZO; John Jones, W9FZW; Ray Forbes, W9HNS. A visitor and his wife, hams to be we believe are Mr. and Mrs. Walter McCreery.



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